

ABSTRACT OF THE DISCLOSURE

An image pickup device that acquires images is controlled by an image pickup device controller that accepts image acquisition requests from multiple application programs, and an application scheduler selects application programs to be executed. Information indicative of the image data volumes and image data acquisition rates required for each of the multiple application programs is stored and used to select multiple concurrently executable application programs on the basis of the image data volumes and image data acquisition rates. An image acquisition scheduler determines the timing and intervals at which the multiple executable application programs repeat receiving image data from the image pickup device, without overlapping in terms of time. In addition, an operations section, which explicitly presents concurrently executable application programs to a user and commands the startup of these programs, is displayed on a navigation screen menu.